

ABSTRACT OF THE DISCLOSURE

An articulated manipulation device for increasing work volume that includes six links and corresponding joints. A first link connects to a base for rotation about a rotational axis aligned with the axis of the first link. A diagonal joint connects the first and second links, the second and third links, the third and fourth links and the fifth and sixth links. A coaxial joint connects the fourth and fifth links. The joints and links are configured to permit parallel and perpendicular axial rotation according to the specific arrangement of the links and angles of rotational inclination. The articulated manipulator has a large work volume.